SKYHIGH CULTIVATION

Mainely Productions
License #: MC281899, MP281751

Certificate of Analysis
Final

Date Released: 8/26/2026 2:15:55PM

Report #: 158972

M00003450808: Buds- Lemon Pastries

Sample #: 214862, **Weight:** 7.00g, **Unit Count:**
Order #: X260820-0009
Category/Type: Raw Plant Material, Flower - Cured
Date Collected: 8/20/2026 3:57:15PM
Date Received: 8/21/2026 3:07:54PM
Date Analyzed: 8/26/2026 1:53:57PM
METRC Sample ID: 1A40A030000EC55000020952
METRC Source Package ID:
1A40A030000EC55000020943
METRC Batch ID: 20943

Total Cannabinoids	Total THC	Total CBD	Total Terpenes	Heavy Metals	Microbials
29.59192 %	24.97122 %	0.00000 %	29.259 mg/g	PASS	PASS

Pesticides	Mycotoxins
PASS	PASS

Cannabinoids

Total Cannabinoids: 29.59192 %
Total THC: 24.97122 %
Total CBD: 0.00000 %

Date Completed: 08/25/2026 10:56AM
Analyst ID: B125893

Compound	CAS#	LOD (%)	LOQ (%)	%	mg/g
THCa	23978-85-0	.0528	.2105	26.26667	262.66667
d9-THC	1972-08-3	.0651	.2105	1.93535	19.35354
CBGA	25555-57-1	.0712	.2105	1.38990	13.89899
d8-THC	5957-75-5	.0959	.2105	ND	ND
CBD	13956-29-1	.0995	.2105	ND	ND
CBDa	1244-58-2	.0672	.2105	ND	ND
CBG	25654-31-3	.0887	.2105	<LOQ	<LOQ
CBN	521-35-7	.0972	.2105	ND	ND
CBC	20675-51-8	.0922	.2105	ND	ND
THCV	31262-37-0	.0683	.2105	ND	ND
CBDV	24274-48-4	.0646	.2105	ND	ND
THCVa	39986-26-0	0.003524	.2105	<LOQ	<LOQ

Relative Concentration



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Green Valley ANALYTICS

PJLA Testing Accreditation #113890

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Ross Franklin

Ross Franklin, Lab Director
8/26/2026 3:17:09PM

Report Generated On: 08/26/2026 3:17:12PM

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Sample #: 214862 **M00003450808: Buds- Lemon Pastries**

Test Comment: Total THC = (THCa * 0.877) + d9THC
Total Cannabionids = Addition of all cannabionoids with no multiplier
Total CBD = (CBDa * 0.877) + CBD
Analytical Method: HPLC Lab SOP: L-012 Cannabinoids

Terpenes

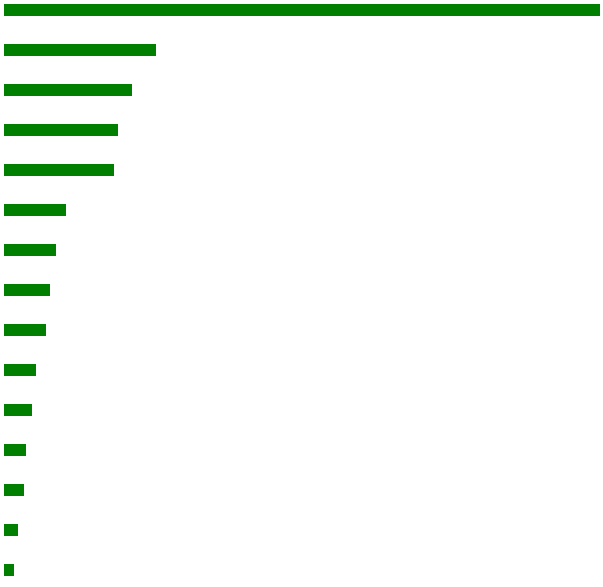
Date Completed: 08/26/2026 8:32AM

Analyst ID: B156623



Compound	CAS#	LOD (mg/g)	LOQ (mg/g)	mg/g	%
Terpinolene	586-62-9	0.015	0.050	12.047	1.205
D-Limonene	5989-27-5	0.021	0.063	3.051	0.305
beta-Caryophyllene	87-44-5	0.025	0.075	2.580	0.258
Linalool	78-70-6	0.023	0.070	2.295	0.229
beta-Myrcene	123-35-3	0.021	0.062	2.207	0.221
trans-Ocimene	3779-61-1	0.008	0.023	1.218	0.122
beta-Pinene	127-91-3	0.020	0.061	1.033	0.103
alpha-Phellandrene	99-83-2	0.023	0.070	0.908	0.091
alpha-Pinene	80-56-8	0.027	0.081	0.830	0.083
alpha-Terpineol	98-55-5	0.017	0.052	0.611	0.061
alpha-Humulene	6753-98-6	0.019	0.057	0.567	0.057
delta-3-Carene	13466-78-9	0.033	0.099	0.414	0.041
Fenchyl Alcohol	1632-73-1	0.015	0.050	0.401	0.040
alpha-Terpinene	99-86-5	0.023	0.069	0.269	0.027
gamma-Terpinene	99-85-4	0.014	0.050	0.183	0.018

Relative Concentration



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Sample #: 214862

M00003450808: Buds- Lemon Pastries

Compound	CAS#	LOD (mg/g)	LOQ (mg/g)	mg/g	%	Relative Concentration
trans-Nerolidol	40716-66-3	0.037	0.111	0.154	0.015	
Borneol	507-70-0	0.023	0.100	0.123	0.012	
Sabinene	3387-41-5	0.016	0.050	0.122	0.012	
cis-Ocimene	3338-55-4	0.012	0.037	0.109	0.011	
Sabinene Hydrate	546-79-2	0.017	0.050	0.070	0.007	
Geraniol	106-24-1	0.015	0.050	0.067	0.007	
alpha-Cedrene	469-61-4	0.025	0.076	ND	ND	
Camphor	76-22-2	0.033	0.150	ND	ND	
Cedrol	77-53-2	0.025	0.075	ND	ND	
Farnesene	502-61-4	0.045	0.136	ND	ND	
Fenchone	1195-79-5	0.034	0.103	ND	ND	
gamma-Terpineol	586-81-2	0.003	0.011	ND	ND	
Geranyl Acetate	105-87-3	0.025	0.076	ND	ND	
Isoborneol	124-76-5	0.016	0.050	ND	ND	
Menthol	89-78-1	0.037	0.111	ND	ND	
Nerol	106-25-2	0.023	0.069	ND	ND	
Pulegone	89-82-7	0.011	0.050	ND	ND	
Valencene	4630-07-3	0.029	0.088	<LOQ	<LOQ	
Camphene	79-92-5	0.031	0.092	<LOQ	<LOQ	
Caryophyllene Oxide	1139-30-6	0.026	0.077	<LOQ	<LOQ	
Eucalyptol	470-82-6	0.024	0.072	<LOQ	<LOQ	
Guaiol	489-86-1	0.019	0.057	ND	ND	
alpha-Bisabolol	515-69-5	0.033	0.099	<LOQ	<LOQ	
cis-Nerolidol	142-50-7	0.018	0.053	ND	ND	
Isopulegol	89-79-2	0.029	0.088	ND	ND	

Test Comment: Analytical Method: GC-MS Lab SOP: L-013 Terpenoids
The following analytes are not part of Green Valley Analytics ISO 17025 Scope of Accreditation:
Sabinene, alpha-Phellandrene, Sabine Hydrate, Fenchone, Fencyl Alcohol, Camphor, Isoborneol, Menthol, Borneol, alpha-Terpineol, gamma-Terpineol, Nerol, Pulegone, Geranyl Acetate, Farnesene, alpha-Cedrene, Valencene & Cedrol.

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Sample #: 214862

M00003450808: Buds- Lemon Pastries

Mycotoxins

Pass

Date Completed: 08/25/2026 10:23AM

Analyst ID: B159506

Compound	LOD (ppb)	LOQ (ppb)	Limits (ppb)	Result (ppb)	Status
AflatoxinB1	1.6499	4.9499	20	ND	Pass
AflatoxinB2	2.2521	6.7564	20	ND	Pass
AflatoxinG1	0.9461	2.8380	20	ND	Pass
AflatoxinG2	3.8346	11.5039	20	ND	Pass
OchratoxinA	2.5487	7.6462	20	ND	Pass
TotalAflatoxins				0	Pass

Comment: Analytical Method: LCMS/MS Lab SOP: L-014 Pesticides & Mycotoxins

Metals

Pass

Date Completed: 08/24/2026 3:07PM

Analyst ID: B163217

Compound	LOD (µg/kg)	LOQ (µg/kg)	Limits (µg/kg)	Result (µg/kg)	Status
Arsenic	28.73	86.21	200	ND	Pass
Cadmium	21.74	83.33	200	ND	Pass
Lead	23.58	83.33	500	ND	Pass
Mercury	23.62	70.84	100	ND	Pass

Comment: Analytical Method: ICP-MS Lab SOP: L-015 Metals

Pesticides

Pass

Date Completed: 08/25/2026 10:23AM

Analyst ID: B159506

Compound	LOD (ppb)	LOQ (ppb)	Limits (ppb)	Result (ppb)	Status
Bifenazate	2.5792	7.7377	10	ND	Pass
Bifenthrin	5.1561	15.4683	10	ND	Pass
Cyfluthrin	50.4855	250.0000	10	ND	Pass

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M00003450808: Buds- Lemon Pastries

Pesticides

Pass

Date Completed: 08/25/2026 10:23AM

Analyst ID: B159506

Compound	LOD (ppb)	LOQ (ppb)	Limits (ppb)	Result (ppb)	Status
Etoxazole	2.2610	6.7832	10	ND	Pass
Imazalil	2.1853	6.5559	10	ND	Pass
Imidacloprid	1.8548	5.5644	10	ND	Pass
Myclobutanil	2.1163	6.3489	10	ND	Pass
Spiromesifen	2.4051	7.2154	10	ND	Pass
Trifloxystrobin	2.4291	7.2874	10	ND	Pass

Comment: Analytical Method: LCMS/MS Lab SOP: L-014 Pesticides & Mycotoxins

Microbials Count/Qualitative

Pass

Date Completed: 08/26/2026 1:53PM

Analyst ID: B172971

Compound	LOD (CFU/g)	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status
Bile-Tolerant Gram Negative Bacteria		200	1000	<LOQ	Pass
Salmonella Qualitative				Not Detected	Pass
STEC Qualitative				Not Detected	Pass
Total Aerobic Bacteria		2000	100000	<LOQ	Pass
Total Coliforms		200	1000	<LOQ	Pass
Yeast & Mold		2000	10000	<LOQ	Pass

Comment: Analytical Method: PCR Lab SOP: L-017 Microbiological Analysis of STEC & Salmonella in Marajuana via PCR
Analytical Method: Plating Lab SOP: L-024 Microbiological Contaminants Analysis via 3M Petrifilm Plates

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